

APPENDIX B: CLEAN COPY OF CLAIMS

In the Claims:

Please amend claims 34, 36, 41, 43-48 and 56-62 as indicated below:

34. Antibodies obtained by administering to an animal clones from a sib library of an expression library prepared from DNA of a selected cell or synthetic DNA and collecting antibodies generated in response to an antigen or antigens expressed from said DNA.
36. An immunodetection kit for detecting a pathogen, comprising:
- (a) antibodies prepared by administering to an animal clones from a sib library of an expression library prepared from DNA of a selected cell or synthetic DNA and collecting antibodies generated in response to an antigen or antigens expressed from said DNA;
 - (b) a suitably aliquoted composition of the pathogen; and
 - (c) an immunodetection means.
37. The kit of claim 36, wherein the pathogen is identified *Mycoplasma pulmonis*, *Mycobacterium tuberculosis* or *Listeria monocytogenes*.
41. The antibodies of claim 56, wherein the selected cell is a pathogen cell.
42. The antibodies of claim 41, wherein the pathogen is a virus, yeast, mold, yeast, algae or protozoa.
43. The antibodies of claim 56, wherein the selected cell is a tumor cell.
44. The antibodies of claim 56, wherein the selected cell is a bacterial cell.
45. The antibodies of claim 44, wherein the bacterial cell is a *Mycoplasma pulmonis*, *Mycobacterium tuberculosis* or *Listeria monocytogenes* cell.

46. The antibodies of claim 44, wherein the bacterial cell is a *Mycoplasma pulmonis* cell.
47. The antibodies of claim 44, wherein the bacterial cell is a *Mycobacterium tuberculosis* cell.
48. The antibodies of claim 44, wherein the bacterial cell is a *Listeria monocytogenes* cell.
49. The kit of claim 61, wherein the selected cell is a pathogen cell.
50. The kit of claim 49, wherein the pathogen is a virus, yeast, mold, yeast, algae or protozoa.
51. The kit of claim 61, wherein the selected cell is a tumor cell.
52. The kit of claim 61, wherein the selected cell is a bacterial cell.
53. The kit of claim 36, wherein the bacterial cell is a *Mycoplasma pulmonis* cell.
54. The kit of claim 36, wherein the bacterial cell is a *Mycobacterium tuberculosis* cell.
55. The kit of claim 36, wherein the bacterial cell is identified is a *Listeria monocytogenes* cell.
56. The antibodies of claim 34, wherein the DNA is from a selected cell and the selected cell is further defined as a pathogen, tumor, or bacterial cell.
57. The antibodies of claim 34, wherein the DNA of a selected cell or synthetic DNA is cDNA, fragmented genomic DNA, or synthetic DNA.
58. The antibodies of claim 57, wherein the DNA is cDNA.
59. The antibodies of claim 57, wherein the DNA is fragmented genomic DNA.
60. The antibodies of claim 57, wherein the DNA is synthetic DNA.

61. The kit of claim 36, wherein the DNA of a selected cell or synthetic DNA is from a selected cell and the selected cell is further defined as a pathogen, tumor, or bacterial cell.
62. The kit of claim 36, wherein the DNA of a selected cell or synthetic DNA is cDNA, fragmented genomic DNA, or synthetic DNA.
63. The kit of claim 62, wherein the DNA is cDNA.
64. The kit of claim 62, wherein the DNA is fragmented genomic DNA.
65. The kit of claim 62, wherein the DNA is synthetic DNA.